



Recombinant Human Chromatin assembly factor 1 subunit B (CHAF1B)

Product Code	CSB-BP622638HU
Abbreviation	CHAF1B
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
Uniprot No.	Q13112
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	≥85% (SDS-PAGE)
Sequence	MKVITCEIAW HNKEPVYSLD FQHGTAGRIH RLASAGVDTN VRIWKVEKGP DGKAIVEFLS NLARHTKAVN VVRFSPGTGEI LASGGDDAVI LLWKVNDNKE PEQIAFQDED EAQLNKENWT VVKTLRGHLE DVYDICWATD GNLMASASVD NTAIIWDVSK GQKISIFNEH KSYVQGVTDW PLGQYVATLS CDRVLRVYSI QKKRVAFNVS KMLSGIGAEG EARSYRMFHD DSMKSFRRRL SFTPDGSLLL TPAGCVESGE NVMNTTYVFS RKNLKRPIAH LPCPGKATLA VRCCPVYFEL RPVVETGVEL MSLPYRLVFA VASEDSVLLY DTQQSFPGY VSNIHHTLS DISWSSDGAF LAISSTDGYC SFVTFEKDEL GIPLKEKPVL NMRTPDATAK TKSQTHRGSS PGPRPVEGTP ASRTQDPSSP GTPPPQARQA PAPTVIDRPP SITPAVKSPL PGPSEEKTLQ PSSQNTKAHP SRRVTLNLTQ AWSKTPPRI NLTPLKTDTP PSSVPTSVIS TPSTEEIQSE TPGDAQGSP ELKRPRLDEN KGGTESLDP
Source	Baculovirus
Target Names	CHAF1B
Protein Names	Recommended name: Chromatin assembly factor 1 subunit B Short name= CAF-1 subunit B Alternative name(s): Chromatin assembly factor I p60 subunit Short name= CAF-I 60 kDa subunit Short name= CAF-I p60 M-phase phosphoprotein
Expression Region	1-559
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag type will be determined during the manufacturing process.
Protein Length	full length protein
Target Details	Chromatin assembly factor I (CAF-I) is required for the assembly of histone octamers onto newly-replicated DNA. CAF-I is composed of three protein subunits, p50, p60, and p150. This protein corresponds to the p60 subunit and is required for chromatin assembly after replication. The encoded protein is



differentially phosphorylated in a cell cycle-dependent manner. In addition, it is normally found in the nucleus except during mitosis, when it is released into the cytoplasm. This protein is a member of the WD-repeat HIR1 family and may also be involved in DNA repair.

Reconstitution

We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.

Shelf Life

The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself.

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